

Ex. 5 - Deliberative Process

From: Salera, Jerry@DOC [mailto:Jerry.Salera@conservation.ca.gov]
Sent: Friday, June 06, 2014 11:17 AM
To: Dermer, Michele <Dermer.Michele@epa.gov>
Cc: Robin, George <Robin.George@epa.gov>; Albright, David <Albright.David@epa.gov>; Penderel, Bill@DOC <Bill.Penderel@conservation.ca.gov>
Subject: RE: Alon Refinery answer, maybe

Michele,

Here's a quick table of the EPA wells in the area from our database. I don't know if this is complete list.

Also, additional study may have to be done to check if the individual well's actual injection zone lies in the hydrocarbon producing zone of the identified formation/zone (injection pool). The well files (posted on-line) will help you on this.

API	2013 Injection (bbls)	Inside Primacy Productive Boundary (shaded area)	Injection Pool	Area	Is this zone listed as HC producing in Primacy Data Sheet (note)
029-78664	165,056	Yes	Santa Margarita	Main	Yes
029-88999	281,191	Yes	Chanac, Santa Margarita	Main	Yes
029-64415	357,954	Yes	Kernco	Main	Yes
029-08304	0	Yes	Etchegoin, Chanac	Main	Yes
030-09732	608,851	Yes	Chanac, Santa Margarita	Main	Yes

Note: determination needed if actual injection zone falls inside the HC zone of the indicated pool.

Re those letters, yes, there's a lot of those and we're still "cleaning" up these legacy issues.

Hope this helps.

Jerry

From: Dermer, Michele [<mailto:Dermer.Michele@epa.gov>]
Sent: Friday, June 6, 2014 10:02 AM
To: Salera, Jerry@DOC
Cc: Robin, George; Albright, David; Penderel, Bill@DOC
Subject: RE: Alon Refinery answer, maybe

Thanks Jerry!

I am trying to get a handle on the status of the exempt aquifers at this facility. As you know the Fruitvale field is defined by the shaded areas, not the administrative field boundaries, and the maps I have of the Class V well locations are very, very poor. I was attempting to get an idea of

the location of any Class II disposal wells, and information of the exempt status of the formations for those.

The letter from Richard Thesken, (attached) has been presented to EPA as evidence that the aquifers are exempt, however, as you will note, the letter does not reflect the situation.

Michele

From: Salera, Jerry@DOC [<mailto:Jerry.Salera@conservation.ca.gov>]
Sent: Friday, June 06, 2014 9:40 AM
To: Dermer, Michele
Cc: Robin, George; Albright, David; Penderel, Bill@DOC
Subject: FW: Alon Refinery answer, maybe

Hi Michele,

I'm not sure if this operator is related to the refinery operations. Operators do change their names from time to time. What we know is there are a number of OG production wells in the area and a number of WD wells to take care of disposal.

I'm having this operator checked by D4 further.

Jerry

From: Penderel, Bill@DOC
Sent: Thursday, June 5, 2014 3:43 PM
To: Dermer.Michele@epa.gov

Cc: Salera, Jerry@DOC; Penderel, Bill@DOC
Subject: FW: Alon Refinery answer, maybe

Michele:

Alon Bakersfield Property, Inc., has one active Class II WD injection project in the Fruitvale field. The project number is 25609015. There are two water disposal wells in the project in the Etchegoin and Chanac formations. The injection project is supported by six producing wells. The API numbers for the injection wells are 02908379 and 02908380.

I can't tell if the wells are on the refinery property or not. These wells and their locations may be viewed at our DOGGR web site using the DOMS mapping system and aerial photo imagery. Use the API numbers to locate each well.

Monthly injection volumes for each well may also be viewed at our web site.

Hope this helps,

W. F. (Bill) Penderel

Associate Oil & Gas Engineer

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(661) 334-3659

From: Salera, Jerry@DOC
Sent: Thursday, June 05, 2014 1:15 PM
To: Dermer, Michele
Cc: Robin, George; Albright, David; Penderel, Bill@DOC
Subject: Re: Alon Refinery question

Hi Michele,

I've been out sick since yesterday but checking emails from time to time. I'll pas this on to our colleagues in D4 and we'll get info back your end as soon as possible.

Bill: can you please get the needed info - thanks.

Jerry

Sent from my iPhone

On Jun 5, 2014, at 10:54 AM, "Dermer, Michele" <Dermer.Michele@epa.gov> wrote:

Hello Jerry,

Would you please let me know if Alon Refinery located in Bakersfield CA has any DOGGR permitted Class II disposal wells at their facility? I am not able to verify one way or another from the information I have here. And if so, where are those wells located.? Thanks!

Sincerely,

Michele